

In the Claims

Please cancel claims 1-29.

Please add the following claims:

30. (New) An isolated semaphorin protein comprising a Sema domain having at least 40% homology to amino acids 45 to 545 of SEQ ID NO: 3.

31. (New) The isolated semaphorin protein as claimed in claim 30, wherein the amino acid sequence comprises SEQ ID NO: 3.

32. (New) The isolated semaphorin protein as claimed in claim 30, wherein the Sema domain is at least about 50% homologous to the SEQ ID NO: 3.

33. (New) The isolated semaphorin protein as claimed in claim 30, wherein the Sema domain is at least 60% homologous to SEQ ID NO: 3.

34. (New) The isolated semaphorin protein as claimed in claim 30, wherein the protein includes an immunoglobulin domain.

35. (New) The isolated semaphorin protein as claimed in claim 30, wherein the protein includes a transmembrane domain.